

BLOCK PUNCTURING FOR TURBO CODE BASED INCREMENTAL REDUNDANCY

ABSTRACT OF THE DISCLOSURE

A method of block puncturing for turbo code based incremental redundancy

includes a first step (1200) of coding an input data stream into systematic bits and parity
bits. A next step (1202) includes loading the systematic bits and parity bits into
respective systematic and parity block interleavers in a column-wise manner. A next step
(1204) includes selecting a predefined redundancy. A next step (1206) includes
outputting bits from the block interleavers in a row-wise manner in accordance with the
selected predefined redundancy.